# **SCIENCE** / Earth Science



#### **DIGITAL GAMES**

The universe and Earth's solar system

Geologic evidence for Earth's history

NGSS.MS.ESS1.C

The interaction of Earth's systems over time

NGSS.MS.ESS2.A

#### **KIT-REQUIRED GAME**

Earth's history through geology NGSS.MS.ESS2



**History of Earth** 

### **DIGITAL GAMES**

<u>Energy cycles and their effect on earth</u>

NGSS.MS.ESS2.A

<u>Plate tectonics and large-scale system interactions</u>

NGSS.MS.ESS2.B

#### KIT-REQUIRED GAME

Earth's materials and systems NGSS.MS.ESS2



## **DIGITAL GAMES**

<u>Determining problems and possible solutions considering</u> NGSS.MS.ETS1.A <u>constraints and criteria</u>

Developing possible solutions (ecosystems)

Developing and testing solutions

Testing possible solutions considering constraints and criteria

NGSS.MS.ETS1.B

NGSS.MS.ETS1.B

<u>The iterative process in testing solutions</u>

NGSS.MS.ETS1.C

<u>Human reliance on natural resources</u>

NGSS.MS.ESS3.A

KIT-REQUIRED GAME

<u>Human impacts on the earth</u> NGSS.MS.ESS3



## **DIGITAL GAMES**

Water and Earth's surface processes

Movement of air and water and their effect on climate

NGSS.MS.ESS2.C

The movement of water

NGSS.MS.ESS2.C

Predicting weather based on oceanic and atmospheric patterns

Forecasting natural hazards NGSS.MS.ESS3.B

Climate change due to human activities NGSS.MS.ESS3.D

KIT-REQUIRED GAME

Weather and climate

NGSS.MS.ESS2

NGSS.MS.ESS2.C

NGSS.MS.ESS2.D

NGSS.MS.ESS3.D

NGSS.MS.ESS3.C

**VIEW ADDITIONAL RELATED GAMES** 

Human activities and their effects on the biosphere